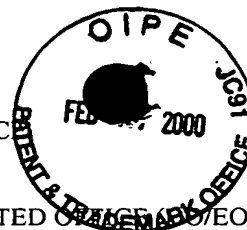


EXPRESS MAIL LABEL NO.: EL 388 784 238 US

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER: R &amp; G Case 305

09/486012  
US

418! Rec'd PCT/PTO 17 FEB 2000

U.S. APPLICATION NO.

(If known, see 37 CFR 1.5): Unknown

INTERNATIONAL APPLICATION NO.: PCT/GB98/02488 INTERNATIONAL FILING DATE: August 19, 1998

PRIORITY DATE CLAIMED: August 20, 1997

TITLE OF INVENTION: SHADING THREE DIMENSIONAL COMPUTER GRAPHICS IMAGES

APPLICANT(S) FOR DO/EO/US: Simon J. FENNEY

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19<sup>th</sup> month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau)
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11. to 16. below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
  1. Amendment Transmittal
  2. Amendment Before First Office Action
  3. Title page of Publication No. WO 99/09523
  4. Request Form PCT/RO/101
  5. International Search Report Forms PCT/ISA/220 and PCT/ISA/210
  6. Demand Form PCT/IPEA/401
  7. Written Opinion Form PCT/IPEA 408
  8. International Preliminary Examination Report Forms PCT/IPEA/416 and PCT/IPEA/409 and attached annexes
  9. Formal Drawings (3 sheets)
  10. Postal Card

17. [X] The following fees are submitted:

CALCULATIONS PTO USE ONLY

**BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):**

Search Report has been prepared by the EPO or JPO..... \$ 840.00  
International preliminary examination fee paid to USPTO  
(37 CFR 1.482)..... \$ 670.00  
No international preliminary examination fee paid to USPTO (37  
CFR 1.482) but international search fee paid to USPTO  
(37 CFR 1.445(a)(2))..... \$ 690.00  
Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.... \$ 970.00  
International preliminary examination fee paid to USPTO (37 CFR  
1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)..... \$ 96.00  
**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$840.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)). \$

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	1 - 20 =	0	X \$ 18.00	\$	0.00
Ind. claims	1 - 3 =	0	X \$ 78.00	\$	0.00
MULTIPLE DEPENDENT CLAIMS (if applicable)			+ \$260.00	\$	0.00
<b>TOTAL OF ABOVE CALCULATIONS</b>				= \$	0.00

Reduction by 1/2 for filing by small entity, if applicable. Small Entity Statement  
must also be filed (Note 37 CFR 1.9, 1.27, 1.28). - \$ 0.00  
**SUBTOTAL** = \$ 840.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)). + \$ 0.00  
**TOTAL NATIONAL FEE** = \$840.00

Fee for recording assignment (37 CFR 1.21(h)). The assignment must be accompanied  
by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$  
**TOTAL FEES ENCLOSED** = \$840.00  
**Amount to be refunded** \$  
**charged** \$

- a. [X] A check in the amount of \$840.00 to cover the above fees is enclosed.  
b. [ ] Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate  
copy of this sheet is enclosed.  
c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to  
Deposit Account No. 06-1382. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a)  
or (b)) must be filed and granted to restore the application to pending status.

IN DUPLICATE

SEND ALL CORRESPONDENCE TO:  
FLYNN, THIEL, BOUTELL & TANIS, P.C.  
2026 Rambling Road  
Kalamazoo, Michigan 49008-1699

300.9912

Form PTO-1390 Page 2 of 2

*Dale H. Thiel*  
FOR Dale H. Thiel  
Registration Number: 24 323